Efficient, Quiet, and Powerful: Gardtec GCAB703 Cooling Fan Kit for Cabinets

Introduction

In modern setups — from home media cabinets to industrial control panels — overheating is a silent enemy. Without adequate ventilation, components degrade faster, performance dips, and failure risk rises. The Gardtec GCAB703 offers an elegant, all-in-one cooling solution: fan + filter + cord + thermostat. Keep your electronics safe, quiet, and running longer.

2. Product Overview & Highlights

- Complete Kit: Includes 120 mm cooling fan, filter assembly, and power cord with built-in thermostat.
- Thermostatic Control: Fan auto-turns on at around 30 °C (86 °F) and off at ~24 °C (75 °F) to conserve energy.
- Quiet Operation: Noise level is just 34 dBA.
- Good Airflow: Moves around 80 CFM of air.
- Sturdy Filter & Guard: The included fan filter assembly uses plastic guard and foam filter (45 PPI) to block dust and protect the fan.
- Robust Cord: 72-inch (≈ 1829 mm) cord with 45° plug, SPT1, rated for 10 amps / 300 V.
- Standards & Compliance: RoHS, UL / ULc recognized.
- Dimensions: Fan size 120×120×38 mm.
- Compact Package Size: Approx. 4.72" × 1.5" × 4.72" box.

3. Benefits to Users & Customers

Benefit	What It Means for You / Your Equipment
Longer Equipment Life	Maintaining safe thermal levels reduces wear and tear on electronics.
Lower Maintenance / Repair Costs	Prevents damage from dust and overheating — fewer breakdowns.
Energy Savings	Thermostat ensures the fan only runs when needed, not always.
Quiet & Safe Use	Low noise (34 dBA) is suitable even in sensitive environments.
Easy Installation	Plug-and-play kit — no complex wiring or extra parts.
Cleaner Environment	Filter keeps dust from accumulating inside your cabinet.

4. Recommended Applications

- Server racks, networking & telecom cabinets
- Industrial control panels
- Home theater / AV equipment enclosures
- Telecommunication shelters
- Power electronics / inverter enclosures
- Any enclosed boxes or cabinets housing heat-generating electronics

5. Installation Tips & Best Practices

1. Mount the fan on the cabinet wall (intake or exhaust) ensuring airflow direction is correct.
2. Place the filter guard opposite the fan to block dust entry.
3. Keep vents unobstructed — avoid blocking air path.
4. Position thermostat cord where heat naturally accumulates (but not too close to heat sources).
5. Clean filter regularly (e.g. monthly) to maintain airflow.
   Check connections and wiring before powering up.

Don’t leave your electronics to chance. Upgrade your system’s protection with the Gardtec GCAB703 Cabinet Cooling Fan Kit — a smart, efficient, and reliable cooling solution.

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Have questions about compatibility, installation, or bulk orders? Contact us any time — we’ll help you pick the right solution.